

JOINT PUBLIC NOTICE

November 20, 2017

United States Army Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, Louisiana 701118

State of Louisiana
Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-1301
Project Manager
Neil T. Gauthier
Neil.T.Gauthier@usace.army.mil
MVN 2017-00712-CM

(225) 219-3225
Project Manager
Elizabeth Hill
WQC Application Number
WQC 170925-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the US Army Corps of Engineers pursuant to: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS 30:2074 A(3) and provisions of Section 401 of the Clean Water Act.

EXCAVATION AND FILL FOR ACCESS AND FLOWLINES TO SERVE THE PROPOSED BADGER PROSPECT WELL IN LAFOURCHE PARISH

NAME OF APPLICANT: Tellus Operating Group, c/o T. Baker Smith, LLC, Attn: Boyd Boswell, 107 Global Circle, Lafayette, Louisiana 70503.

LOCATION OF WORK: Near Grand Bayou Canal section 10 and 15, T18S-R20E, approximately 4 miles southwest of the Larose, Louisiana, in Lafourche Parish, within the Terrebonne Basin in hydrologic unit (HUC 08090302), as shown on the attached drawings.

CHARACTER OF WORK: The applicant has requested Department of the Army authorization to excavate and place fill for access to install two (2) 6" flow lines and drill the proposed Badger Prospect Well Location. Approximately 103,000 cubic yards of native water bottoms and marsh will be dredged and excavated. Approximately 7.5 acres of water bottoms will be temporarily impacted by dredging and approximately 9 acres of water bottoms will be permanently filled at an elevation of 6 feet above the normal water elevation to encourage brackish marsh re-establishment. In addition, approximately 4 acres of marsh will be permanently impacted by excavation and approximately 34 acres of marsh will receive 6 inches material by way of spray dredging for brackish marsh nourishment.

A Preliminary analysis has determined that the proposed project would directly impact approximately 16.5 acres of jurisdictional water bottoms. In addition, approximately 4 acres jurisdictional brackish marsh wetlands will be permanently impacted and approximately 34 acres of jurisdictional brackish marsh wetlands will be beneficially impacted in the form of marsh nourishment.

The applicant stated that they have designed the project to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. Any further reduction would limit usage of the property and, therefore deem the project impracticable. As compensation for unavoidable wetland impacts, the applicant proposes to mitigate in-kind wetland credits from a Corps approved mitigation bank located in the watershed.

The comment period for the Department of Army will close in **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC application number and be mailed to the Louisiana Department of Environmental Quality at the address above. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The US Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the US Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and State Historic Preservation Officer.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Interior. The New Orleans District has discovered based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office that the proposed project is located in waters known to be utilized by the West Indian manatee and determined that the proposed activity is not likely to adversely affect the species with the inclusion of the special conditions specific to working in areas that could potentially be preferred habitat for the West Indian Manatee.

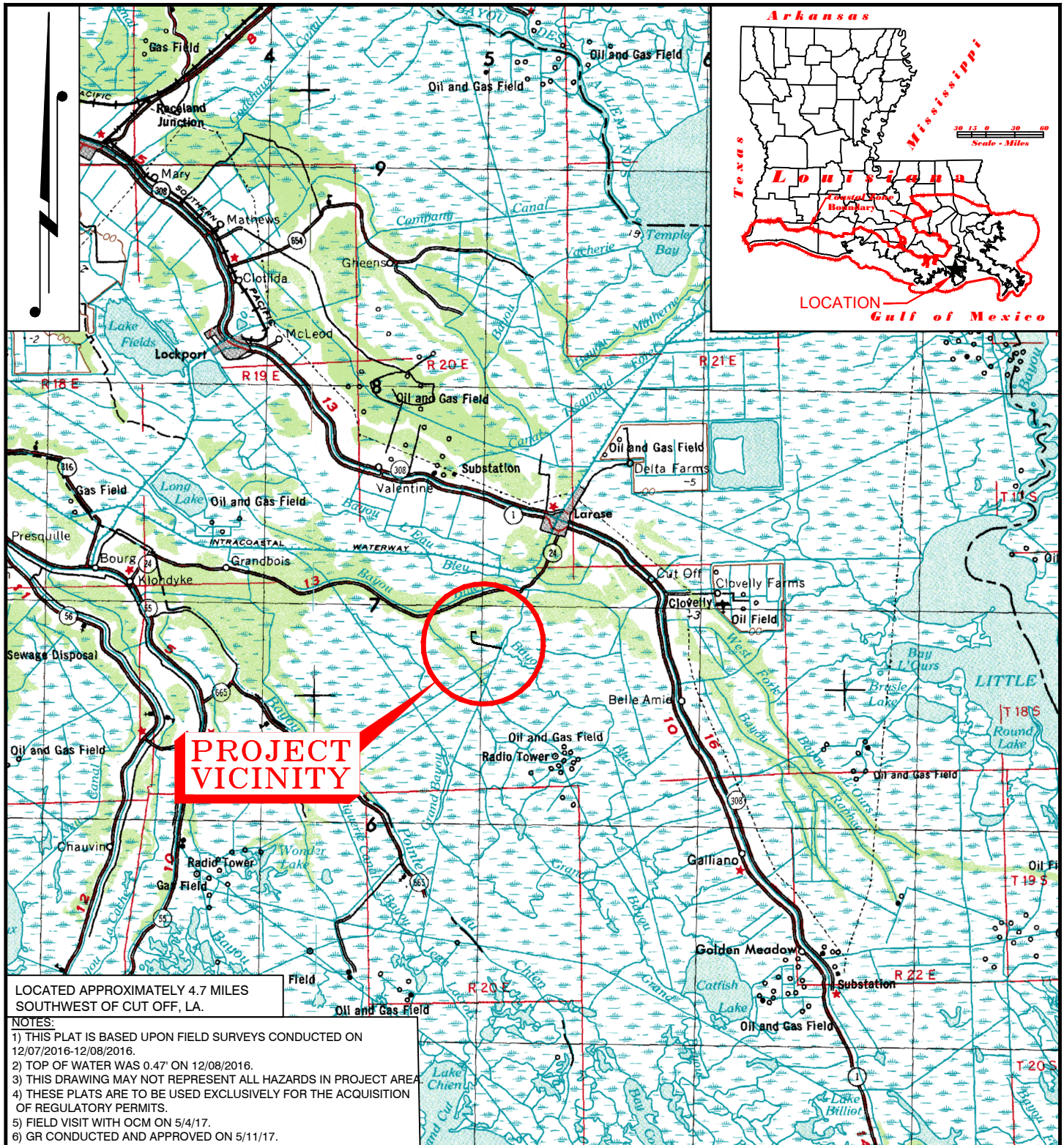
This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of up to **54.5** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services before a permit is issued.

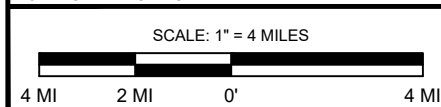
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

For JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch



DRAWN BY:	RRB	APPROVED BY:	JEF
DATE:	01/12/2017	JOB NO:	2016.0915
DRAWING NAME:	20160915_VICINITY_REV8.DWG		
SHEET NO:	1	OF	14
PROJECTION:	LOUISIANA SOUTH		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



VICINITY MAP

TELLUS OPERATING GROUP, LLC
 PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE
 BADGER PROSPECT WELL LOCATION
 LOCATED IN SECTIONS 10 & 15
 T18S-R20E
 LAFOURCHE PARISH, LOUISIANA

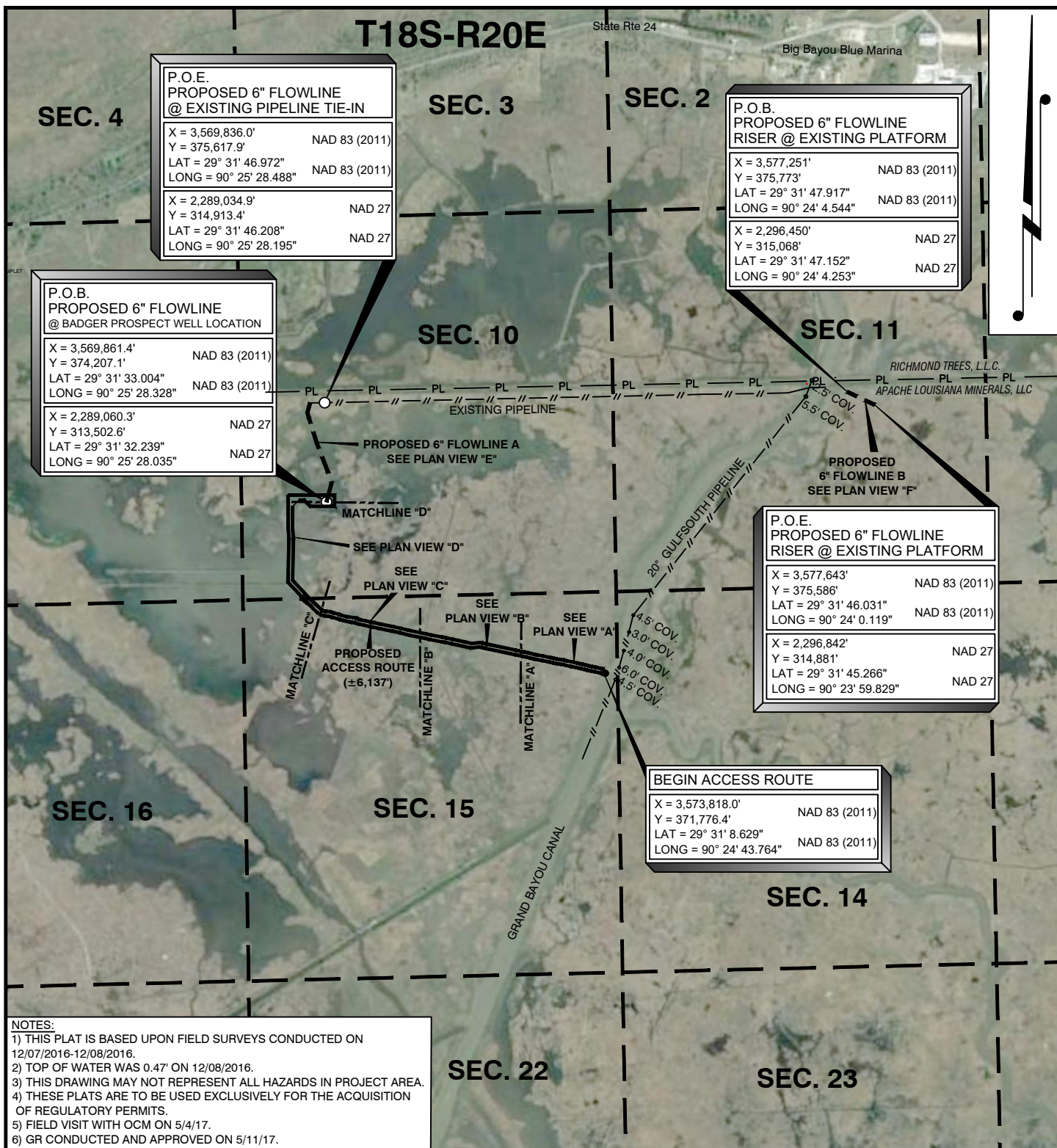


T. BAKER SMITH
 SOLUTIONS START HERE
 107 Global Circle, Lafayette, LA 70503
 (337) 735-2800 - tbsmith.com

REV. NO: 8 REV. DATE: 10/17/2017 REV. BY: RLV

REVISION DESCRIPTION:
 REVISED PLAT PER OCM REQUEST

10/17/2017 - P:\Y-2016\2016.0915\DWG\COE PLAT\REV 8\20160915_AREA_REV8.DWG



DRAWN BY: RRB		APPROVED BY: JEF		AREA MAP TELLUS OPERATING GROUP, LLC PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE BADGER PROSPECT WELL LOCATION LOCATED IN SECTIONS 10 & 15 T18S-R20E LAFOURCHE PARISH, LOUISIANA	
DATE: 01/12/2017		JOB NO: 2016.0915			
DRAWING NAME: 20160915_AREA_REV8.DWG					
SHEET NO: 2 OF 14					
PROJECTION: LOUISIANA SOUTH GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET					
SCALE: 1" = 2000'				REV. NO: 8 REV. DATE: 10/17/2017 REV. BY: RLV	
				REVISION DESCRIPTION: REVISED PLAT PER OCM REQUEST	
				T. BAKER SMITH SOLUTIONS START HERE 107 Global Circle, Lafayette, LA 70503 (337)735-2800 - tbsmith.com	

T18S-R20E

SEC. 15

SEC. 15

SEC. 14

EXISTING 20" GULFSOUTH PIPELINE
P.O.B. TO BE LOWERED

X = 3,574,014' NAD 83 (2011)
Y = 371,855' NAD 83 (2011)
LAT = 29° 31' 9.40" NAD 83 (2011)
LONG = 90° 24' 41.54" NAD 83 (2011)

X = 2,664,794' NAD 27
Y = 411,135' NAD 27

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (0.5')
CONDUCTIVE TO MARSH NOURISHMENT
(± 11.232 ACRES)

65' WIDE ACCESS

200'

PROPOSED
EXCAVATION
(± 0.966 ACRES)
(± 12,468 CU. YDS)

± 28'

PROPOSED
DREDGING
(3.0' CUT)
(± 0.526 ACRES)
(± 2,546 CU. YDS)

STRUCTURE TO BE
REMOVED AND REPLACED
UPON ABANDONMENT
(P20051486)

PROPOSED
90' X 90'
TURNING WING
PROPOSED
DREDGING
(± 5.0' CUT)
(± 0.344 ACRES)
(± 2,775 CU. YDS)

BEGIN ACCESS ROUTE

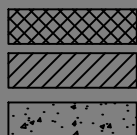
X = 3,573,818.0' NAD 83 (2011)
Y = 371,776.4' NAD 83 (2011)
LAT = 29° 31' 8.629" NAD 83 (2011)
LONG = 90° 24' 43.764" NAD 83 (2011)

EXISTING 20" GULFSOUTH PIPELINE
P.O.E. TO BE LOWERED

X = 3,573,963' NAD 83 (2011)
Y = 371,686' NAD 83 (2011)
LAT = 29° 31' 7.72" NAD 83 (2011)
LONG = 90° 24' 42.13" NAD 83 (2011)

X = 2,664,745' NAD 27
Y = -411,306' NAD 27

LEGEND:



PROPOSED EXCAVATION

PROPOSED DREDGING

PROPOSED SPOIL PLACEMENT

NOTES:

- 1) THIS PLAT IS BASED UPON FIELD SURVEYS CONDUCTED ON 12/07/2016-12/08/2016.
- 2) TOP OF WATER WAS 0.47' ON 12/08/2016.
- 3) THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA.
- 4) THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.
- 5) FIELD VISIT WITH OCM ON 5/4/17.
- 6) GR CONDUCTED AND APPROVED ON 5/11/17.

PLAN VIEW "A"

TELLUS OPERATING GROUP, LLC
PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA

DRAWN BY: RRB APPROVED BY: JEF

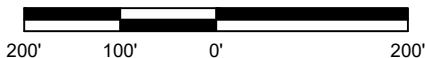
DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 3 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



T. BAKER SMITH
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REV. NO: 8 REV. DATE: 10/17/2017 REV. BY: RLV

REVISION DESCRIPTION:
REVISED PLAT PER OCM REQUEST

SEC. 10

SEC. 15

T18S-R20E

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (6.0')
CONDUCTIVE TO MARSH ESTABLISHMENT
(±2.273 ACRES)

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (0.5')
CONDUCTIVE TO MARSH NOURISHMENT
(±11.234 ACRES)

PROPOSED
DREDGING
(3.0' CUT)
(±0.476 ACRES)
(±2,304 CU. YDS)

PROPOSED
EXCAVATION
(±0.594 ACRES)
(±7,667 CU. YDS)

PROPOSED
DREDGING
(3.0' CUT)
(±0.367 ACRES)
(±1,776 CU. YDS)

PROPOSED
DREDGING
(2.0' CUT)
(±0.326 ACRES)
(±1,052 CU. YDS)

MATCHLINE "B"

MATCHLINE "A"

LEGEND:

	PROPOSED EXCAVATION
	PROPOSED DREDGING
	PROPOSED SPOIL PLACEMENT

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- 5) FIELD VISIT WITH OCM ON 5/14/17.
- 6) GR CONDUCTED AND APPROVED ON 5/11/17.

DRAWN BY: RRB APPROVED BY: JEF

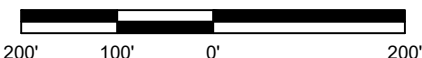
DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 4 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



PLAN VIEW "B"

TELLUS OPERATING GROUP, LLC
PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA



T. BAKER SMITH
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REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV

REVISION DESCRIPTION:
REVISED PLAT PER OCM REQUEST

T18S-R20E

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (0.5')
CONDUCTIVE TO MARSH NOURISHMENT
(±5.778 ACRES)

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (6.0')
CONDUCTIVE TO MARSH ESTABLISHMENT
(±1.158 ACRES)

SEC. 10

SEC. 15

PROPOSED
DREDGING
(3.5' CUT)
(±0.232 ACRES)
(±1,310 CU. YDS)

65' WIDE ACCESS

PROPOSED
DREDGING
(3.0' CUT)
(±0.218 ACRES)
(±1,055 CU. YDS)

PROPOSED
DREDGING
(4.0 CUT)
(±0.306 ACRES)
(±1,975 CU. YDS)

PROPOSED
EXCAVATION
(±1.033 ACRES)
(±13,333 CU. YDS)

65' WIDE ACCESS

PROPOSED
EXCAVATION
(±0.753 ACRES)
(±9,719 CU. YDS)

MATCHLINE "B"

LEGEND:

	PROPOSED EXCAVATION
	PROPOSED DREDGING
	PROPOSED SPOIL PLACEMENT

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- 5) FIELD VISIT WITH OCM ON 5/4/17.
- 6) GR CONDUCTED AND APPROVED ON 5/11/17.

DRAWN BY: RRB APPROVED BY: JEF

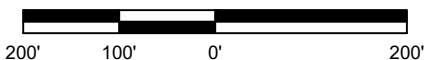
DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 5 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



PLAN VIEW "C"

TELLUS OPERATING GROUP, LLC
PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA



T. BAKER SMITH
SOLUTIONS START HERE
107 Global Circle, Lafayette, LA 70503
(337)735-2800 - tbsmith.com

REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV

REVISION DESCRIPTION:
REVISED PLAT PER OCM REQUEST

T18S-R20E

SEC. 10

PROPOSED
EXCAVATION
(±0.029 ACRES)
(±374 CU. YDS)

PROPOSED
EXCAVATION
(±0.045 ACRES)
(±581 CU. YDS)

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (6.0')
CONDUCTIVE TO MARSH ESTABLISHMENT
(±2.872 ACRES)

PROPOSED
DREDGING
(5.0 CUT)
(±4.021 ACRES)
(±32,436 CU. YDS)

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (0.5')
CONDUCTIVE TO MARSH NOURISHMENT
(±0.337 ACRES)

PROPOSED
EXCAVATION
(±0.352 ACRES)
(±4,543 CU. YDS)

PROPOSED
EXCAVATION
(±0.209 ACRES)
(±2,697 CU. YDS)

PROPOSED SPOIL
TO BE PLACED AT A HEIGHT (0.5')
CONDUCTIVE TO MARSH NOURISHMENT
(±1.623 ACRES)

PROPOSED
DREDGING
(3.0 CUT)
(±0.222 ACRES)
(±1,074 CU. YDS)



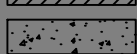
PROPOSED
DREDGING
(3.0 CUT)
(±0.378 ACRES)
(±1,830 CU. YDS)

PROPOSED
HAY BALES

MATCHLINE "D"

MATCHLINE "C"

LEGEND:

	PROPOSED EXCAVATION
	PROPOSED DREDGING
	PROPOSED SPOIL PLACEMENT

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- 6) GR CONDUCTED AND APPROVED ON 5/11/17.

SEC. 15

PLAN VIEW "D"

TELLUS OPERATING GROUP, LLC
PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA

DRAWN BY: RRB APPROVED BY: JEF

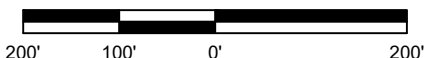
DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 6 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



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REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV

REVISION DESCRIPTION:
REVISED PLAT PER OCM REQUEST

NOTES:

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LEGEND:

	PROPOSED EXCAVATION
	PROPOSED DREDGING
	PROPOSED SPOIL PLACEMENT

P.O.E.
PROPOSED 6" FLOWLINE
@ EXISTING FLOWLINE TIE-IN

X = 3,569,629.5' NAD 83 (2011)
Y = 375,614.3'
LAT = 29° 31' 46.953" NAD 83 (2011)
LONG = 90° 25' 30.825"

X = 2,288,828.5' NAD 27
Y = 314,909.7'
LAT = 29° 31' 46.188" NAD 27
LONG = 90° 25' 30.532"

T18S-R20E
SEC. 10

**PROPOSED
6" FLOWLINE A
±1,482'**

PROPOSED SPOIL
TO BE PLACED AT A
HEIGHT (6.0')
CONDUCTIVE TO MARSH
ESTABLISHMENT
(±2.544 ACRES)

PROPOSED
HAY BALES
TO BE PLACED

P.O.B.
PROPOSED 6" FLOWLINE
@ BADGER PROSPECT WELL LOCATION

X = 3,569,861.4' NAD 83 (2011)
Y = 374,207.1'
LAT = 29° 31' 33.004" NAD 83 (2011)
LONG = 90° 25' 28.328"

X = 2,289,060.3' NAD 27
Y = 313,502.6'
LAT = 29° 31' 32.239" NAD 27
LONG = 90° 25' 28.035"

PROPOSED
EXCAVATION
(±0.037 ACRES)
(±478 CU. YDS)

PROPOSED
(2) 90' X 90'
WINGS

PROPOSED SPOIL
TO BE PLACED AT A
HEIGHT (0.5')
CONDUCTIVE TO MARSH
NOURISHMENT
(±3.426 ACRES)

MATCHLINE "D"

S-R20E

PLAN VIEW "E"

TELLUS OPERATING GROUP, LLC
PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA

DRAWN BY: RRB APPROVED BY: JEF

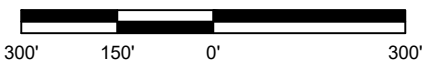
DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 7 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 300'



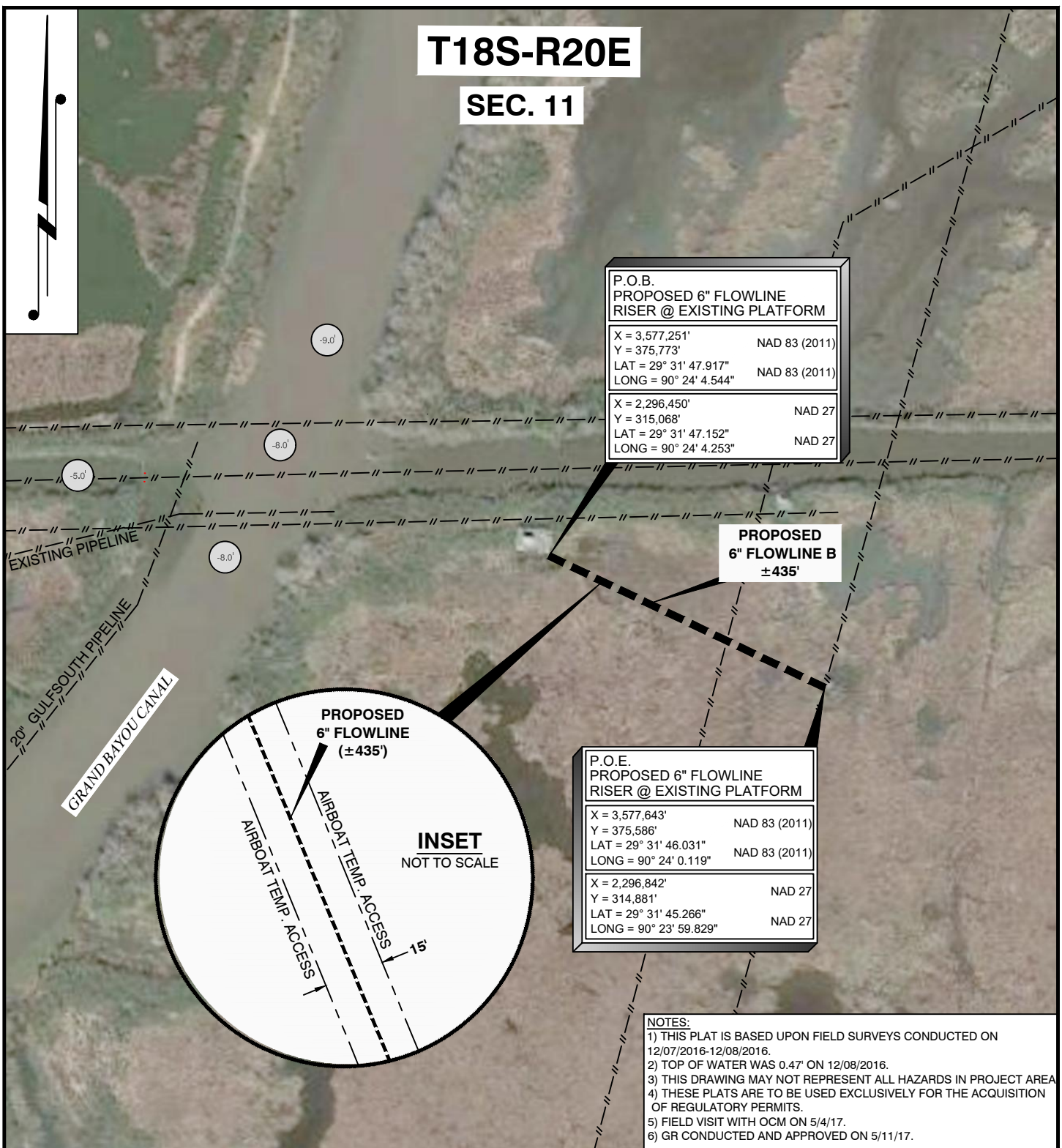
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107 Global Circle, Lafayette, LA 70503
(337) 735-2800 - tbsmith.com

REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLW

REVISION DESCRIPTION:
REVISED PLAT PER OCM REQUEST

T18S-R20E

SEC. 11



- NOTES:**
- 1) THIS PLAT IS BASED UPON FIELD SURVEYS CONDUCTED ON 12/07/2016-12/08/2016.
 - 2) TOP OF WATER WAS 0.47' ON 12/08/2016.
 - 3) THIS DRAWING MAY NOT REPRESENT ALL HAZARDS IN PROJECT AREA
 - 4) THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.
 - 5) FIELD VISIT WITH OCM ON 5/4/17.
 - 6) GR CONDUCTED AND APPROVED ON 5/11/17.

DRAWN BY: RRB APPROVED BY: JEF

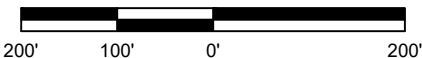
DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 8 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



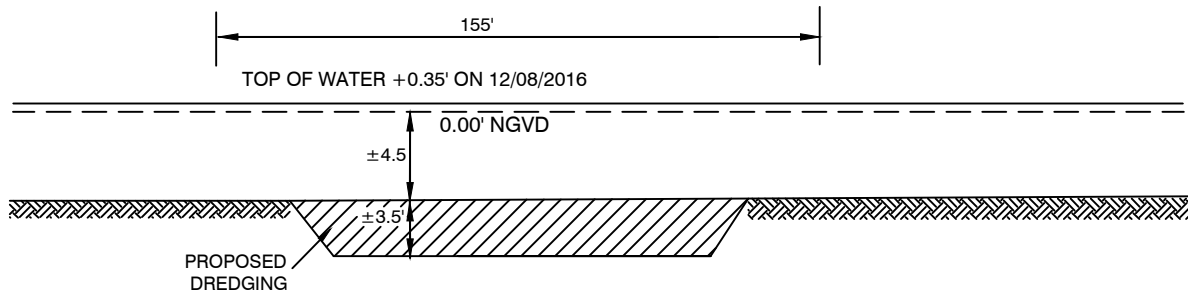
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REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV

REVISION DESCRIPTION:
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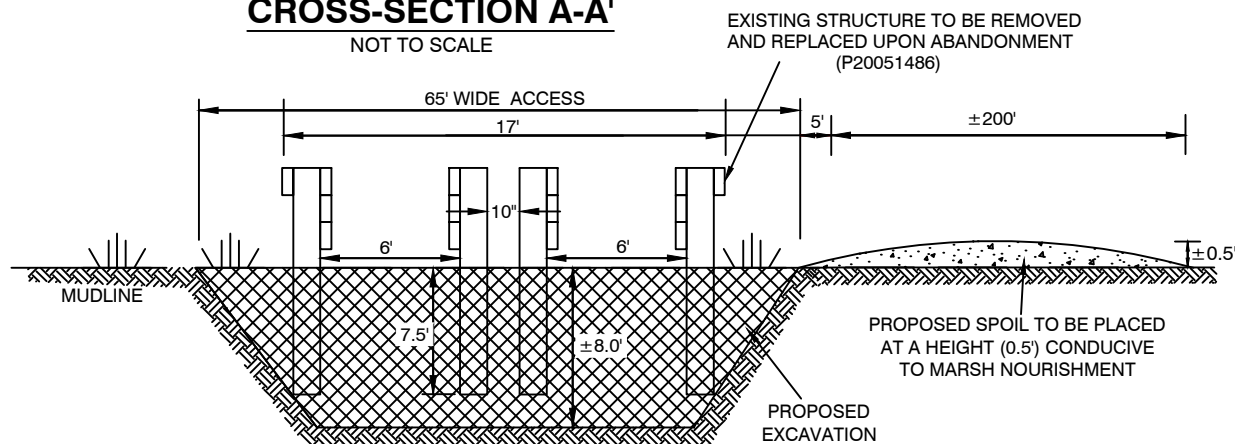
PLAN VIEW "F"

TELLUS OPERATING GROUP, LLC
PROPOSED (2)6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA



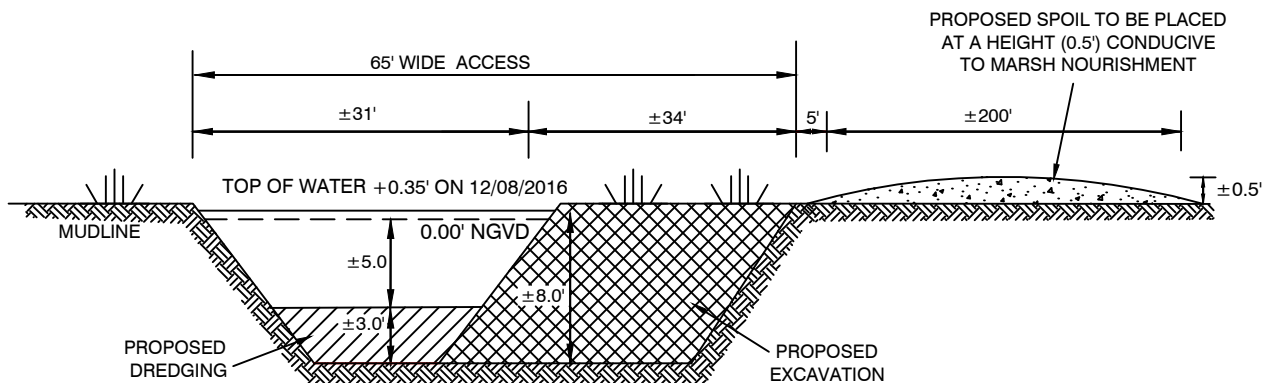
CROSS-SECTION A-A'

NOT TO SCALE



CROSS-SECTION B-B'


NOT TO SCALE



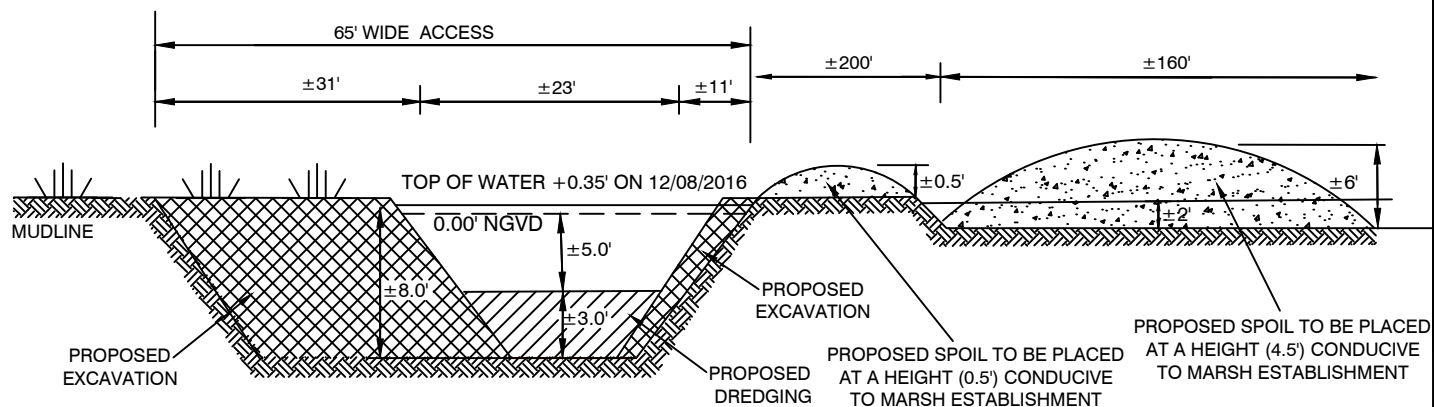
CROSS-SECTION C-C'

NOT TO SCALE

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

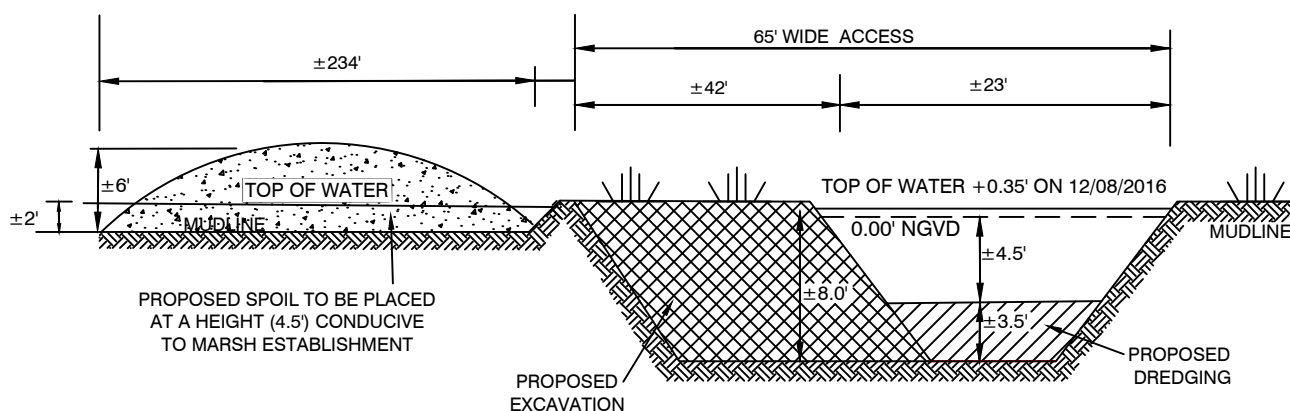
DRAWN BY: RRB	APPROVED BY: JEF	CROSS-SECTIONS	
DATE: 01/12/2017	JOB NO: 2016.0915	TELLUS OPERATING GROUP, LLC PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE BADGER PROSPECT WELL LOCATION LOCATED IN SECTIONS 10 & 15 T18S-R20E LAFOURCHE PARISH, LOUISIANA	
DRAWING NAME: 20160915_PLAN_REV8.DWG			
SHEET NO: 9 OF 14			
PROJECTION: LOUISIANA SOUTH GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
NOT TO SCALE		 T. BAKER SMITH SOLUTIONS START HERE 107 Global Circle, Lafayette, LA 70503 (337)735-2800 - tbsmith.com	REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV REVISION DESCRIPTION: REVISED PLAT PER OCM REQUEST

MHW +2.4' NAVD
MLW +1.1' NAVD
PER P20051484



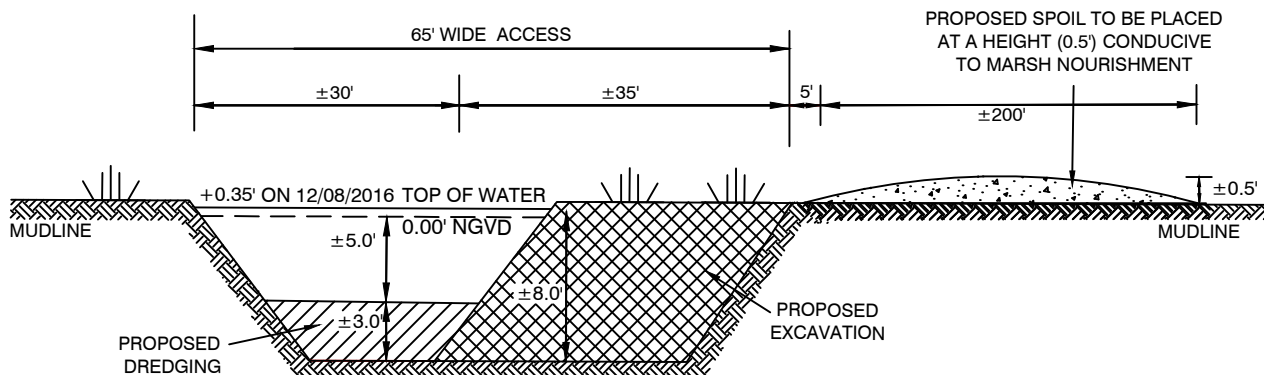
CROSS-SECTION D-D'

NOT TO SCALE



CROSS-SECTION E-E'

NOT TO SCALE



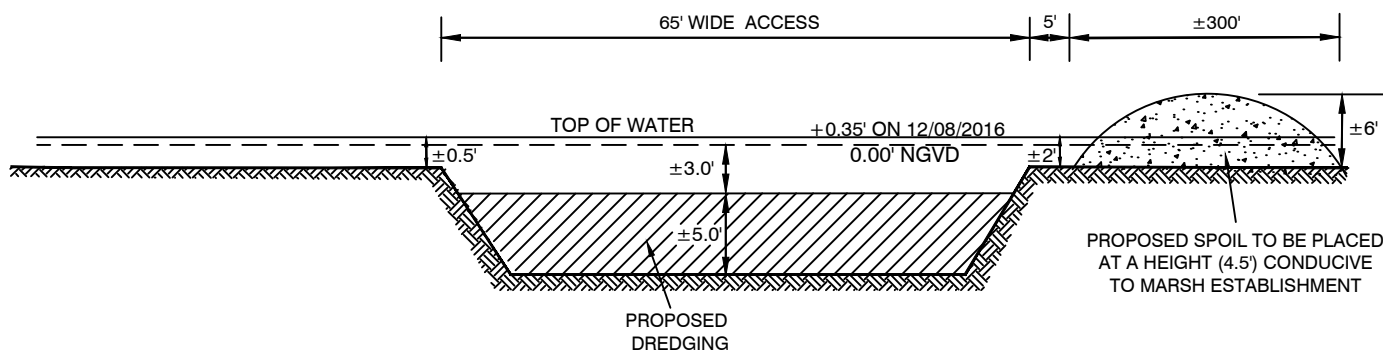
CROSS-SECTION F-F'

NOT TO SCALE

DRAWN BY: RRB	APPROVED BY: JEF	CROSS-SECTIONS	
DATE: 01/12/2017	JOB NO: 2016.0915	TELLUS OPERATING GROUP, LLC PROPOSED (2)6" FLOWLINES & CLEANOUT SERVING THE BADGER PROSPECT WELL LOCATION LOCATED IN SECTIONS 10 & 15 T18S-R20E LAFOURCHE PARISH, LOUISIANA	
DRAWING NAME: 20160915_PLAN_REV8.DWG			
SHEET NO: 10 OF 14			
PROJECTION: LOUISIANA SOUTH GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
NOT TO SCALE		 T. BAKER SMITH SOLUTIONS START HERE 107 Global Circle, Lafayette, LA 70503 (337)735-2800 - tbsmith.com	REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV REVISION DESCRIPTION: REVISED PLAT PER OCM REQUEST

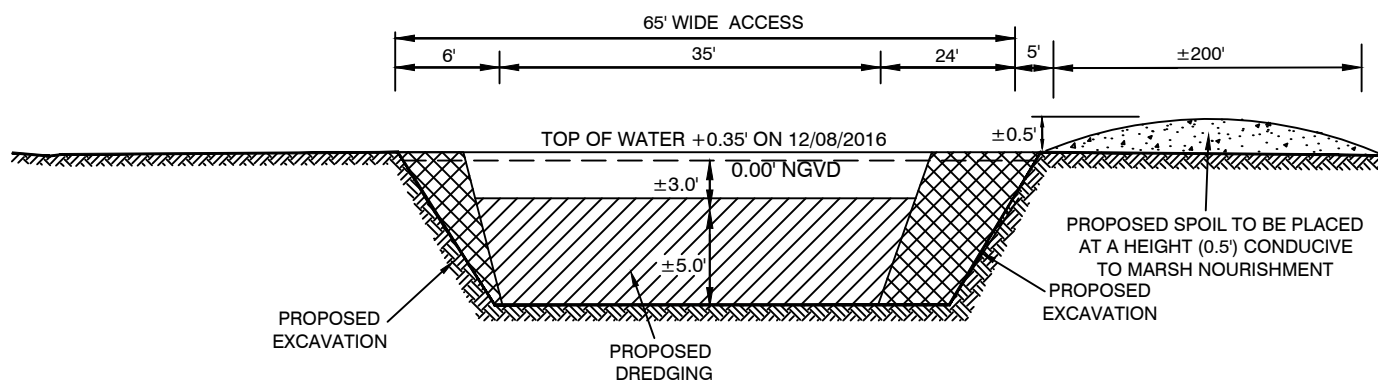
10/30/2017 - P:\Y-2016\2016.0915\DWG\COE PLAT\REV 8\20160915_PLAN_REV8.DWG

MHW +2.4' NAVD
MLW +1.1' NAVD
PER P20051484



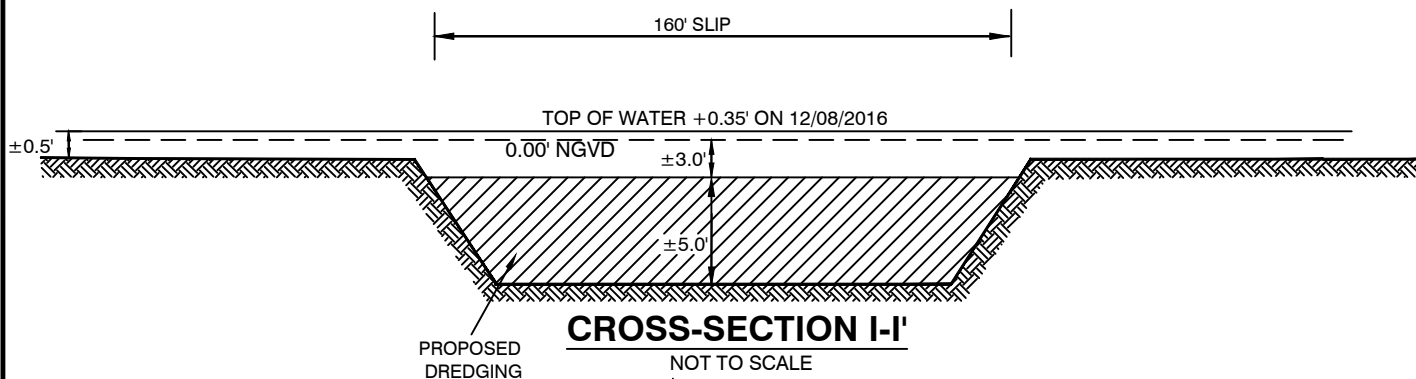
CROSS-SECTION G-G'

NOT TO SCALE



CROSS-SECTION H-H'


NOT TO SCALE



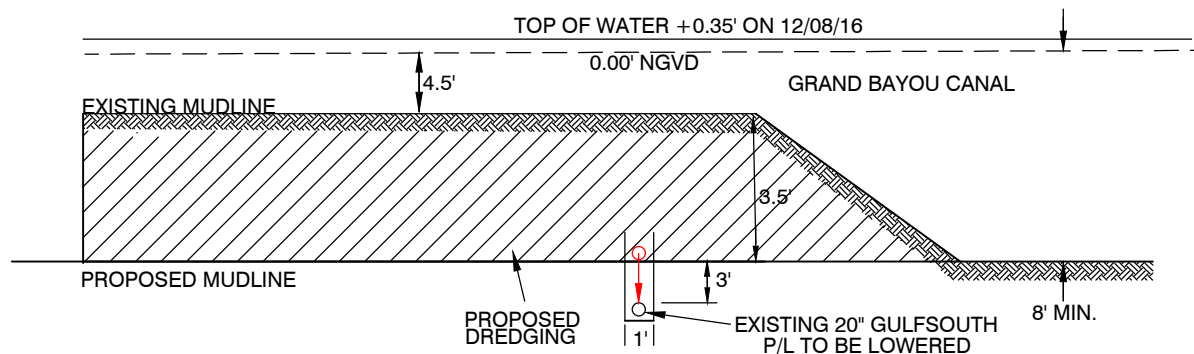
CROSS-SECTION I-I'

NOT TO SCALE

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

DRAWN BY: RRB	APPROVED BY: JEF	PROFILE & TYPICALS	
DATE: 01/12/2017	JOB NO: 2016.0915	TELLUS OPERATING GROUP, LLC PROPOSED (2) 6" FLOWLINES & CLEANOUT SERVING THE BADGER PROSPECT WELL LOCATION LOCATED IN SECTIONS 10 & 15 T18S-R20E LAFOURCHE PARISH, LOUISIANA	
DRAWING NAME: 20160915_PLAN_REV8.DWG			
SHEET NO: 11 OF 14			
PROJECTION: LOUISIANA SOUTH GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
NOT TO SCALE		 T. BAKER SMITH SOLUTIONS START HERE 107 Global Circle, Lafayette, LA 70503 (337) 735-2800 - tbsmith.com	REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV REVISION DESCRIPTION: REVISED PLAT PER OCM REQUEST

MHW +2.4' NAVD
MLW +1.1' NAVD
PER P20051484

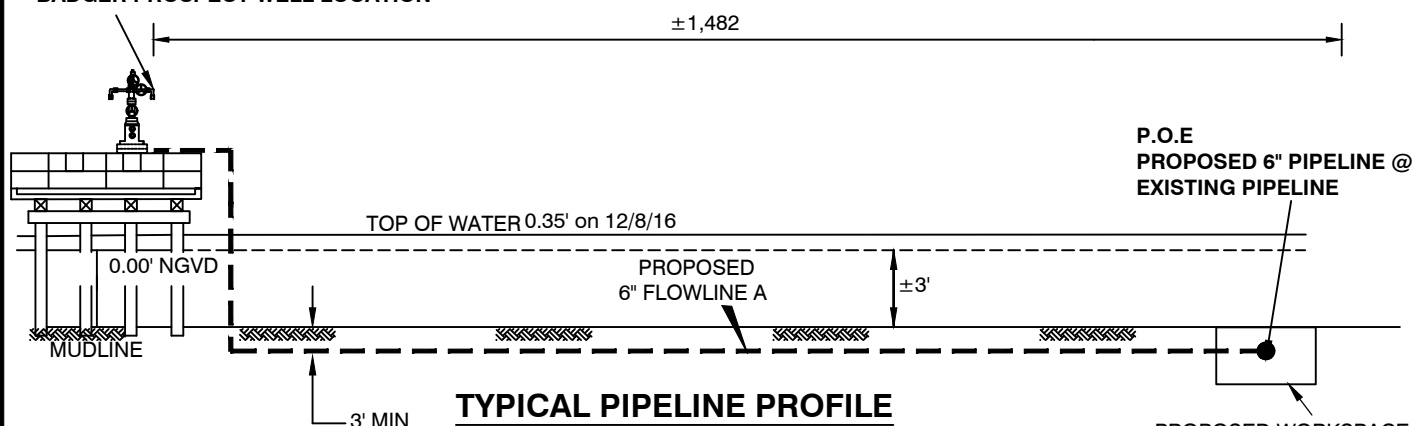


GULFSOUTH P/L LOWERING CROSS-SECTION

NOT TO SCALE

P.O.B
PROPOSED 6" PIPELINE @
BADGER PROSPECT WELL LOCATION

±1,482



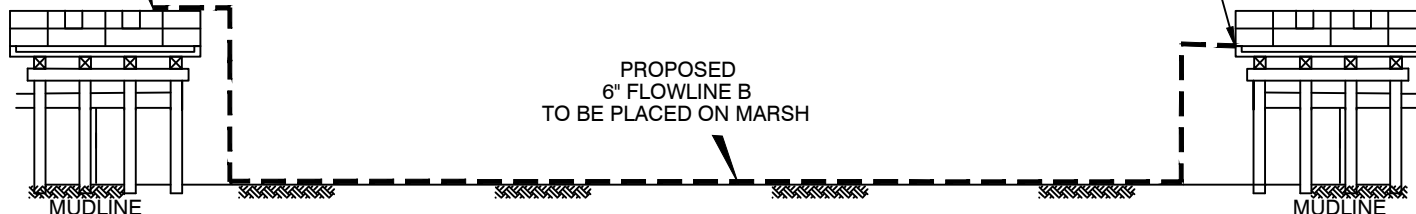
TYPICAL PIPELINE PROFILE

NOT TO SCALE

P.O.B
PROPOSED 6" PIPELINE
RISER @ EXISTING PLATFORM

±435'

P.O.E
PROPOSED 6" PIPELINE
RISER @ EXISTING PLATFORM



TYPICAL PIPELINE PROFILE

NOT TO SCALE

DRAWN BY: RRB APPROVED BY: JEF

DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 12 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

NOT TO SCALE

TYPICALS, NOTES, & CALCS

TELLUS OPERATING GROUP, LLC
PROPOSED (2)6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
LOCATED IN SECTIONS 10 & 15
T18S-R20E
LAFOURCHE PARISH, LOUISIANA

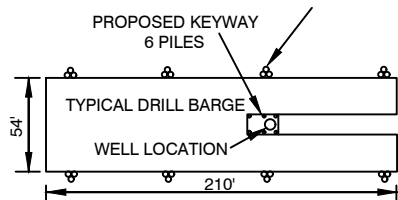


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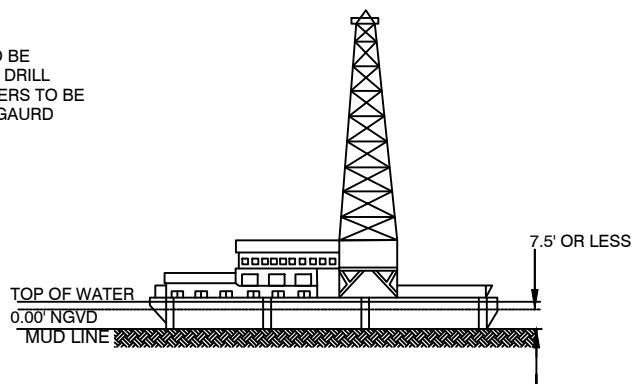
REV. NO: 8 REV. DATE: 10/18/2017 REV. BY: RLV

REVISION DESCRIPTION:
REVISED PLAT PER OCM REQUEST

NOTE:
8 TEMPORARY 3 PILE CLUSTERS TO BE
DRIVEN TO ASSIST IN MAINTAINING DRILL
BARGE LOC.N. TEMPORARY CLUSTERS TO BE
PULLED WHEN PERMANENT WELL GAURD
IS INSTALLED.

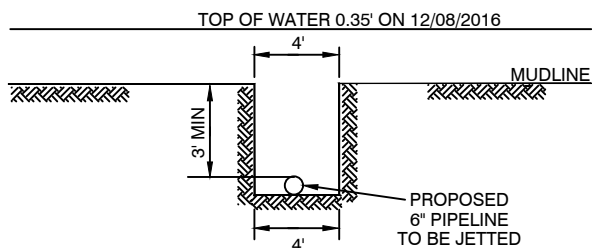


PLAN VIEW
NOT TO SCALE

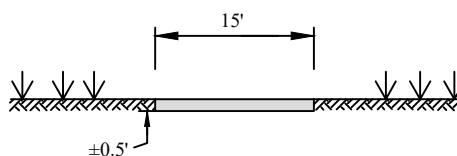


PROFILE VIEW
NOT TO SCALE

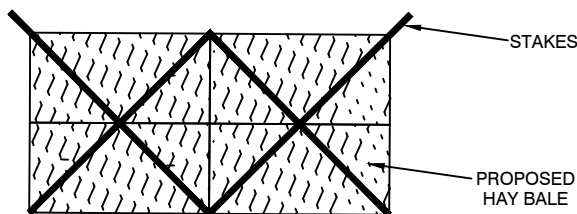
TYPICAL DIESEL POWER DRILL BARGE



TYPICAL PIPELINE JETTING
NOT TO SCALE



AIRBOAT ACCESS IMPACT TYPICAL
NOT TO SCALE



HAY BALE TYPICAL
NOT TO SCALE

DRAWN BY: RRB APPROVED BY: JEF

DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 13 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

NOT TO SCALE

TYPICALS, NOTES, & CALCS

TELLUS OPERATING GROUP, LLC
PROPOSED (2)6" FLOWLINES & CLEANOUT SERVING THE
BADGER PROSPECT WELL LOCATION
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LAFOURCHE PARISH, LOUISIANA



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REVISION DESCRIPTION:
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MHW +2.4' NAVD
MLW +1.1' NAVD
PER P20051484

COASTAL NOTES:

ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS, OR IN OILFIELD CANALS, OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED FOR SUCH ACTIVITIES.

AS-BUILT DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION AND OFFICE OF CONSERVATION, PIPELINE SAFETY DIVISION, POST OFFICE BOX 44487, BATON ROUGE, LA 70804-4487.

IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

THE PERMITEE SHALL ALSO CONTACT OTHER GOVERNMENTAL ENTITIES THAT MAY HAVE OPTED OUT OF THE ONE CALL PROGRAM. THESE GOVERNMENTAL ENTITIES MAY HAVE OPERATIONS LOCATED IN THE AREA OF THIS PROJECT.

ALL STRUCTURES WILL BE MARKED AND LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.

CALCULATIONS:

APPROXIMATELY 50,133 CU YDS OF MATERIAL TO BE DISPLACED DUE TO DREDGING OF WATER BOTTOMS..

APPROXIMATELY 7.416 ACRES OF WATER BOTTOM TO BE IMPACTED BY DREDGING OF WATER BOTTOMS.

APPROXIMATELY 51,860 CU YDS OF MATERIAL TO BE DISPLACED DUE TO EXCAVATION OF MARSH.

APPROXIMATELY 4.018 ACRES OF MARSH TO BE IMPACTED BY EXCAVATION OF MARSH .

APPROXIMATELY 33.63 ACRES OF MATERIAL TO BE IMPACTED DUE TO SPOIL PLACEMENT AT A HEIGHT (0.5') CONDUCTIVE TO MARSH NOURISHMENT.

APPROXIMATELY 8.847 ACRES OF MATERIAL TO BE IMPACTED DUE TO SPOIL PLACEMENT AT A HEIGHT (6.0') CONDUCTIVE TO MARSH ESTABLISHMENT.

APPROXIMATELY 0.004 ACRES OF MATERIAL TO BE IMPACTED DUE TO LOWERING OF PIPELINE.

APPROXIMATELY 20 CU YDS OF MATERIAL TO BE DISPLACED DUE TO LOWERING OF PIPELINE.

APPROXIMATELY 102,786 CU YDS OF SPOIL MATERIAL TO BE DEPOSITED FROM DREDGING, EXCAVATION, AND PIPELINE INSTALLATION ACTIVITIES. THIS SPOIL WILL BE PLACED IN A MANNER CONDUCTIVE TO MARSH ESTABLISHMENT.

APPROXIMATELY 768.4 CU YDS OF MATERIAL TO BE DISPLACED FOR PIPELINE INSTALLATION.

APPROXIMATELY 0.136 ACRES OF WATER BOTTOM TO BE TEMPORARILY IMPACTED BY PIPELINE INSTALLATION.

APPROXIMATELY 4.63 CU YDS OF MATERIAL TO BE DISPLACED FOR WORKSPACE (0.0006 ACRES TO BE IMPACTED).

NOTES:

PROPOSED PIPELINE TO BE INSTALLED 3' BELOW EXISTING MUDLINE.

DRAFT OF VESSELS UTILIZED FOR THIS PROJECT WILL BE LESS THAN 7.5'

SELF PROPELLED PIPE LAYING BARGE WILL HAVE A MAX VESSEL DRAFT OF 2.5'.

SURROUNDING MARSH AROUND PROJECT SITE HAS ELEVATION OF APPROX. 1.0' ABOVE 0.00' NGVD.

SPOIL PLACEMENT IN OPEN WATER WILL BE PLACED AT 6.0' TO ALLOW FOR A SETTLEMENT HEIGHT OF 2.0'.

DRAWN BY: RRB APPROVED BY: JEF

DATE: 01/12/2017 JOB NO: 2016.0915

DRAWING NAME: 20160915_PLAN_REV8.DWG

SHEET NO: 14 OF 14

PROJECTION: LOUISIANA SOUTH
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

NOTES & CALCULATIONS

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PROPOSED (2)6" FLOWLINES & CLEANOUT SERVING THE
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NOT TO SCALE



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